

MIS03# 01011		.5 or 1.0 credits	Introduction to Agriculture	
Agriculture, Food, and Natural Resources (AG)	CCTC Cluster	CCTC Pathway	Career Ready Practices	
Analyze how issues, trends, technologies, and public policies impact systems in the AFNR Career Cluster	AG.1			
Evaluate the nature and scope of the AFNR Career Cluster and the role of AFNR in society and the economy.	AG.2			
Examine and summarize the importance of health, safety, and environmental management systems in AFNR businesses.	AG.3			
Describe career opportunities and means to achieve those opportunities in each of the AFNR Career Pathways.	AG.5			
Analyze the interaction among AFNR systems in the production, processing, and management of food, fiber, and fuel and the sustainable use of natural resources.	AG.6			
Animal Systems		AG-ANI		
Analyze historic and current trends impacting the animal systems industry.		AG-ANI.1		
Evaluate environmental factors affecting animal performance and implement procedures for enhancing performance and animal health.		AG-ANI.5		
Classify, evaluate, and select animals based on anatomical and physiological characteristics.		AG-ANI.6		
Apply principles of effective animal health care.		AG-ANI.7		
Food Products & Processing Systems		AG-FD		
Apply principles of nutrition, biology, microbiology, chemistry, and human behavior to the development of food products.		AG-FD.2		
Select and process food products for storage, distribution, and consumption.		AG-FD.3		
Explain the scope of the food industry and the historical and current developments of food products and processing.		AG-FD.4		

Plant Systems		AG.PL	
Apply the principles of classification, plant anatomy, and plant physiology to plant production and management.		AG-PL.2	
Propagate, culture, and harvest plants and plant products based on current industry standards.		AG-PL.3	
Power, Structural & Technical Systems		AG-PST	
Apply physical science principles and engineering applications to solve problems and improve performance in AFNR power, structural, and technical systems.		AG.PST.1	
Operate and maintain AFNR mechanical equipment and power systems.		AG.PST.2	
Plan, build, and maintain AFNR structures.		AG.PST.4	
FFA - Career Ready Practices			
Act as a responsible and contributing citizen and employee.			CRP.1
Apply appropriate academic and technical skills.			CRP.2
Communicate clearly, effectively, and with reason.			CRP.4
Consider the environmental, social, and economic impacts of decisions.			CRP.5
Model integrity, ethical leadership, and effective management.			CRP.9
Work productively in teams while using cultural/global competence.			CRP.12
Supervised Agricultural Experience - Career Ready Practices			
Act as a responsible and contributing citizen and employee.			CRP.1
Apply appropriate academic and technical skills.			CRP.2
Attend to personal health and financial well-being.			CRP.3
Utilize critical thinking to make sense of problems and persevere in solving them.			CRP.8
Model integrity, ethical leadership, and effective management.			CRP.9
Plan education and career path aligned to personal goals.			CRP.10
Use technology to enhance productivity.			CRP.11
Work productively in teams while using cultural/global competence.			CRP.12